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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

| Applicant's or agent's file reference P31821-P0                                                                                                                                                                                                                                                                                 | FOR FURTHER ACT                                                                                                                                                                   | ION                | See Form PCT/IPEA/416                                      |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|--|--|--|--|
| International application No. PCT/JP2003/009792                                                                                                                                                                                                                                                                                 | International filing date (<br>01 August 2003 (                                                                                                                                   |                    | Priority date (day/month/year) 05 August 2002 (05.08.2002) |  |  |  |  |
| International Patent Classification (IPC) or n<br>H01F 17/02, 27/29, 41/04                                                                                                                                                                                                                                                      | <u>.                                    </u>                                                                                                                                      |                    |                                                            |  |  |  |  |
| Applicant  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.                                                                                                                                                                                                                                                                             |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.                                                                                                                   |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| 2. This REPORT consists of a total of 3 sheets, including this cover sheet.                                                                                                                                                                                                                                                     |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 | <ul> <li>3. This report is also accompanied by ANNEXES, comprising:</li> <li>a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:</li> </ul> |                    |                                                            |  |  |  |  |
| sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).                                                                            |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.                                                                                         |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)), containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| 4. This report contains indications relating to the following items:                                                                                                                                                                                                                                                            |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| Box No. I Basis of the report                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| Box No. II Priority                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| 1 = .                                                                                                                                                                                                                                                                                                                           | Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability                                                                      |                    |                                                            |  |  |  |  |
| Box No. IV Lack of unity of invention  Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability                                                                                                                                                                      |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| citations and                                                                                                                                                                                                                                                                                                                   | citations and explanations supporting such statement                                                                                                                              |                    |                                                            |  |  |  |  |
| Box No. VII Certain defects in the international application                                                                                                                                                                                                                                                                    |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| Box No. VIII Certain observations on the international application                                                                                                                                                                                                                                                              |                                                                                                                                                                                   |                    |                                                            |  |  |  |  |
| Date of submission of the demand                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                   | Date of completion | n of this report                                           |  |  |  |  |
| 29 January 2004 (29.                                                                                                                                                                                                                                                                                                            | 01.2004)                                                                                                                                                                          | 28                 | October 2004 (28.10.2004)                                  |  |  |  |  |
| Name and mailing address of the IPEA/J                                                                                                                                                                                                                                                                                          | P                                                                                                                                                                                 | Authorized office  | г                                                          |  |  |  |  |
| Facsimile No.                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                   | Telephone No.      |                                                            |  |  |  |  |



### International application No.

#### PCT/JP2003/009792

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

| Box No.         | 1 Basis of the report                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| 1. With rotherv | regard to the language, this report is based on the international application in the language in which it was filed, unless vise indicated under this item.                                                                                                                                    |  |  |  |  |  |  |
|                 | This report is based on translations from the original language into the following language, which is language of a translation furnished for the purpose of:                                                                                                                                  |  |  |  |  |  |  |
|                 | international search (under Rules 12.3 and 23.1(b))                                                                                                                                                                                                                                            |  |  |  |  |  |  |
|                 | publication of the international application (under Rule 12.4)                                                                                                                                                                                                                                 |  |  |  |  |  |  |
|                 | international preliminary examination (under Rules 55.2 and/or 55.3)                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 |                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
| furnis          | regard to the elements of the international application, this report is based on (replacement sheets which have been hed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" re not annexed to this report):            |  |  |  |  |  |  |
|                 | The international application as originally filed/furnished                                                                                                                                                                                                                                    |  |  |  |  |  |  |
|                 | the description:  pages  as originally filed/furnished                                                                                                                                                                                                                                         |  |  |  |  |  |  |
|                 | and to the Authority of                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
|                 | pages* received by this Authority on pages* received by this Authority on                                                                                                                                                                                                                      |  |  |  |  |  |  |
| <u> </u>        |                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
|                 | the claims: pages , as originally filed/furnished                                                                                                                                                                                                                                              |  |  |  |  |  |  |
|                 | as amended (together with any statement) under Article 19                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|                 | pages* received by this Authority on                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 | pages* received by this Authority on                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 | the drawings:                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
|                 | pages, as originally filed/furnished                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 | pages* received by this Authority on                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 | pages* received by this Authority on                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
|                 | a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.                                                                                                                                                                                            |  |  |  |  |  |  |
|                 |                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
| , 🗀             | The amendments have resulted in the cancellation of:                                                                                                                                                                                                                                           |  |  |  |  |  |  |
| 3               |                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
| 1               | the description, pages                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |
|                 | the claims, Nos.                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |
|                 | the drawings, sheets/figs                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|                 | the sequence listing (specify):                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
|                 | any table(s) related to sequence listing (specify):                                                                                                                                                                                                                                            |  |  |  |  |  |  |
| 4. <u> </u>     | This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos. |  |  |  |  |  |  |
|                 | the drawings, sheets/figs                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|                 | the sequence listing (specify):                                                                                                                                                                                                                                                                |  |  |  |  |  |  |
|                 | any table(s) related to sequence listing (specify):                                                                                                                                                                                                                                            |  |  |  |  |  |  |
| * If ite        | em 4 applies, some or all of those sheets may be marked "superseded."                                                                                                                                                                                                                          |  |  |  |  |  |  |

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internation pplication No.

PCT/JP 03/09792

| V.      | Reasoned statement under Article 3. citations and explanations supporting | 5(2) with regard to nov<br>ag such statement | elty, inventive step or industrial applica | bility; |
|---------|---------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------|---------|
| 1.      | Statement                                                                 |                                              |                                            |         |
|         | Novelty (N)                                                               | Claims                                       | 1-19                                       | YES     |
|         |                                                                           | Claims                                       |                                            | NO NO   |
|         | Inventive step (IS)                                                       | Claims                                       |                                            | YES     |
| <u></u> | ,                                                                         | Claims                                       | 1-19                                       | NO      |
|         | Industrial applicability (IA)                                             | Claims                                       | 1-19                                       | YES     |
|         |                                                                           | Claims                                       |                                            | NO NO   |

#### 2. Citations and explanations

Claims 1 to 19

Document 1: JP 2001-210521 A (Matsushita Electric

Industrial Co., Ltd.), 3 August 2001, entire

text, all drawings

Document 2: JP 2000-151116 A (Kabushiki Kaisha OK Print),

30 May 2000, paragraphs [0002]-[0014], fig.

13-17

Document 3: JP 2000-294890 A (NGK Spark Plug Co., Ltd.),

20 October 2000, entire text, all drawings

A person skilled in the art could easily conceive of applying a resin disclosed in document 2 or document 3 to the coil disclosed in document 1.